



ECCOTARP HazMat

Collapsible Spill Berm ANTISTATIC



INSTRUCTIONS FOR USE

US



Development and Production

metal arsenal®

Metal Arsenal s.r.o.
Owner of Eccotarp USA
trade mark

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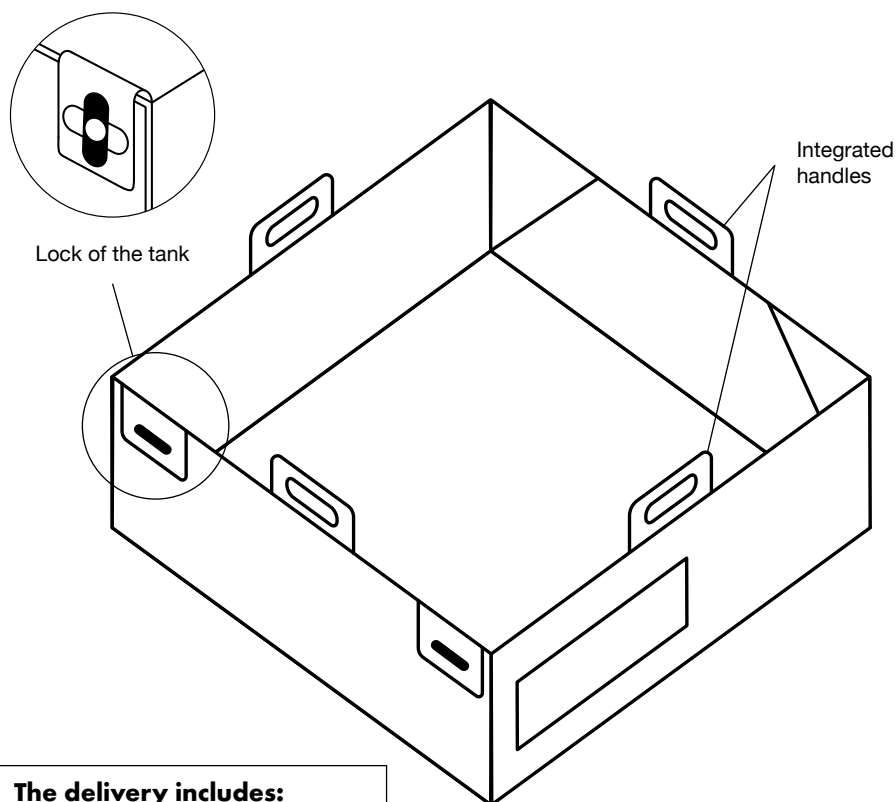
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This document describes the operation and characteristics of the Collapsible Spill Berms ANTISTATIC. It contains important information about how to use the tanks properly and how to increase its reliability and life. This document must always be available in the place where the tank is used. Keep it together with the tank at all times. The operator is responsible for using the tank safely and in compliance with the instructions in this manual, which applies to any third persons as well. If you have any doubts about the correct use of the tank, please contact the manufacturer or an authorized dealer.

Collapsible Spill Berms ANTISTATIC (hereinafter „tanks“) are designed for the capture, transfer or short-term storage of hazardous substances and common technical, petroleum and chemical products. They are made of a special antistatic foil, which guarantees their prescribed conductivity for use in environments with an increased risk of explosion. They are portable, light, compact and easy to shape.

Collapsible Spill Berm ANTISTATIC

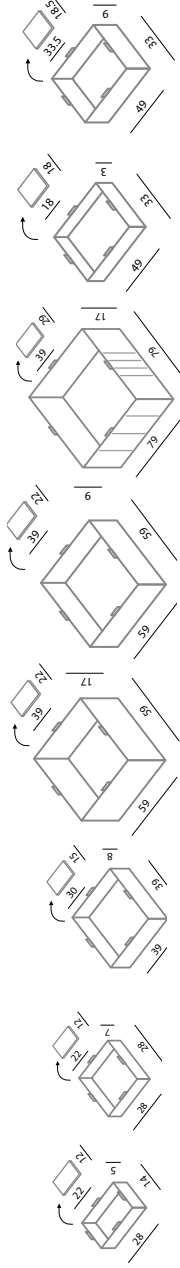


The delivery includes:

- 1× Collapsible Spill Berm ANTISTATIC
- 1× Instructions for use,
incl. warranty certificate
- + Optional accessories as per agreement

Technical details

Collapsible Spill Berm ANTISTATIC



| Type | ET 01 A | ET 02 A | ET 03 A | ET 04 A HIGH | ET 041 A LOW | ET 051 A EASY PACK | ET 06 A SHALLOW | ET 061 A CARGO EUR |
|------------------------------------|-------------|-------------|-------------|--------------|--------------|--------------------|-----------------|--------------------|
| Tank dimensions (in) | 28 × 14 × 5 | 28 × 28 × 7 | 39 × 39 × 8 | 59 × 59 × 17 | 59 × 59 × 9 | 79 × 79 × 17 | 49 × 33 × 3 | 49 × 33 × 9 |
| Volume (gal) | 7 | 20 | 46 | 238 | 119 | 423 | 13 | 56 |
| Tarp dimensions (in) | 37 × 14 | 41 × 28 | 55 × 39 | 96 × 59 | 77 × 59 | 112 × 79 | 54 × 33 | 112 × 33 |
| Package dims. (in) | 22 × 12 × 5 | 22 × 12 × 5 | 30 × 15 × 5 | 39 × 22 × 4 | 39 × 22 × 4 | 39 × 29 × 4.7 | 18 × 18 × 3 | 33.5 × 18.5 × 3 |
| Weight (lb) | 4 | 4.6 | 9.3 | 25.6 | 13.9 | 34 | 6 | 9.7 |
| Optional accessories at extra cost | | | | | | | | |
| Pad (in) | 39 × 20 | 51 × 51 | 51 × 51 | 87 × 87 | 87 × 87 | 87 × 87 | 51 × 51 | 69 × 53 |

General information



When using the tanks, observe these instructions as well as all the safety notices herein.

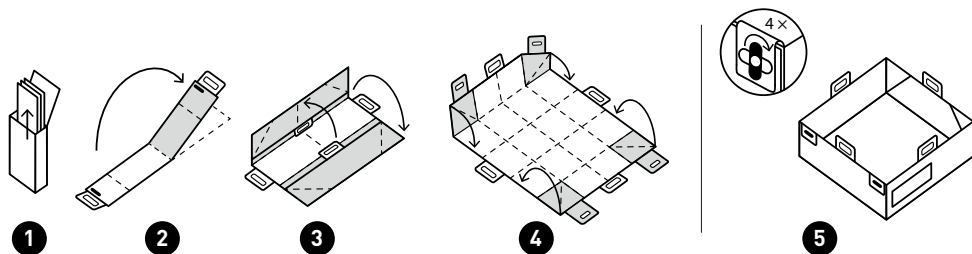
1. The tank is designed as a quick solution for emergency situations. It is used for the capture of hazardous substances escaping into the environment.
2. They are produced in different dimensions and versions.
3. Their structure can be shaped and adapted to uneven surface and other obstacles.
4. The tanks are self-supporting.
5. They are made of a special PES/PVC material with high conductivity (electrical resistance is smaller than $10^9 \Omega$) – see Chemical resistance certificate, p. 7.
6. Used components are made of non-sparking materials.
7. Tank and components are antistatic and designed primarily for environments with increased risk of explosion.
8. The tanks are not intended for long-term storage of aggressive substances.
9. The range of temperatures for the use of the tanks is from -14 °F to +158 °F.
10. Their maximum carrying capacity is 441 lb.
11. In order to increase the resistance of the tanks we recommend using the following optional accessory: protective pad, see p. 5.

Instructions for putting the tank into the ready-to-use position



Unfold the tank so that it is flat. Lift the sides and secure the locks in the corners to simply make a tank.

Illustrated instructions for unfolding the Collapsible Spill Berm ANTISTATIC



Handling instructions and safety warnings

1. Put the tank onto a flat surface, if possible.
2. Make sure there are no sharp objects under the tank, such as pieces of broken glass, nails, sharp stones, etc., which might mechanically damage its bottom.
3. The range of temperatures for the use of the tanks is from -14 °F to +158 °F.
4. The tanks are resistant to a large number of different liquids and loose materials (see the Chemical resistance certificate, p. 7).
5. The tanks are not intended for long-term storage of aggressive substances.
6. Do not move or pull an empty or a filled tank on the ground – the manufacturer’s warranty does not cover mechanical damage.
7. Use the handling belts to move a filled tank – these handles are not placed symmetrically. This is not a defect, the reasons are the ability to fold and subsequent handling.
8. Make sure not to exceed the maximum carrying capacity of 441 lb.
9. After each use it is necessary to wash the tank thoroughly, clean it with suitable detergents and let it dry completely.
10. Observe the safety measures for working with hazardous liquids and with substances harmful to the environment.
11. Make sure you observe any necessary precautions regarding personal safety, such as the use of protective equipment.

Recommended optional accessories

The following optional accessories for Collapsible Spill Berms ANTISTATIC are provided for a surcharge.

| Specification of tank and a pad | ET 09 A Antistatic pad for tanks M, L | ET 0961 A Antistatic pad for tanks CARGO, SHALLOW | ET 095 A Antistatic pad for tank S | ET 10 A Antistatic pad for tanks HIGH, LOW, XXL EASY PACK |
|-----------------------------------|---------------------------------------|---|------------------------------------|---|
| Dimensions of protective pad (in) | 51 × 51 | 69 × 53 | 39 × 20 | 87 × 87 |

The protective pad significantly extends the tank’s resistance and life.

Maintenance and storage

After the draining and prescribed environment-friendly disposal of the collected substance, the product must be washed with proper neutralization detergent (in the case of aggressive substances) and lukewarm water or another suitable detergent. We recommend storing the tanks folded in the carrying bag so that they are not damaged while not in use. The tank must be dried thoroughly before it is put into the bag. For long-term storage, place the tank in a dry place out of the reach of UV radiation.

Important contact information

Qualified service:

ECCOTARP USA, inc.
357 West 36th Street
New York, NY 10018
USA

info@eccofighter.com

T: 1 212-725-9845

Repair

Any repair work on the collapsible berms must always be done by the manufacturer's qualified personnel. In the event of unprofessional repair or design change, the product's proper operation cannot be guaranteed. If you want to request repair, order accessories or lodge a complaint, please, contact your qualified supplier.

Warranty conditions

The warranty period is indicated in the warranty certificate on the last page of these Instructions for use. The warranty period is 24 months and begins on the day indicated in the warranty certificate. The warranty does not apply to the normal wear and tear or to damage caused by improper use or by the instructions in this manual not being observed.

Warning – the warranty does not cover damage from long-term exposure to chemicals. This can also occur after the product is improperly cleaned after intervention. Even a small amount of aggressive chemicals will cause degradation of the material from which it is made during long-term exposure. This can be manifested by microscopic cracks on the surface, or by a change in the properties of the material, which can lead to easy damage and tearing.

Disposal

The product must be disposed of in compliance with applicable legal regulations and with the user's internal directives.

Chemical resistance certificate

Applicable to
antistatic berms.

Resistance levels:

- A) resistant
- B) resistant for at least 3 hours
- C) non-resistant

| Name of substance | Chemical formula | Resistance level at the temperature of 68 °F | Resistance level at the temperature of 140 °F |
|------------------------------|--|--|---|
| LIQUID SUBSTANCES | | | |
| Acetone | CH ₃ COCH ₃ | C | C |
| Acetonitrile | CH ₃ CN | A | A |
| Ammonia | NH ₃ | A | A |
| Benzene | C ₆ H ₆ | B | B |
| Tar | mixture | C | C |
| Dimethyl-formamide | C ₃ H ₇ NO | A | A |
| Ethanol | C ₂ H ₅ OH | B | B |
| Ethylene glycol | C ₂ H ₆ O ₂ | B | B |
| Ethyl acetate | C ₄ H ₈ O ₂ | C | C |
| Ethylbenzene | C ₈ H ₁₀ | A | A |
| Formaldehyde | CH ₂ O | B | B |
| Chlorine | Cl | C | C |
| Chloroform | CHCl ₃ | C | C |
| Transformer oil | | A | A |
| Gear oil | | B | B |
| SAE 40 oil | | A | A |
| Lubricating oil | | A | A |
| Silicone oil | | A | A |
| Turpentine distillates | | B | B |
| Hydrochloric acid | HCl | B | B |
| Nitric acid | HNO ₃ | B | B |
| Phosphoric acid | H ₃ PO ₄ | A | B |
| Formic acid | HCOOH | B | B |
| Acetic acid | CH ₃ COOH | A | B |
| Sulphuric acid | H ₂ SO ₄ | A | B |
| Sulphurous acid | H ₂ SO ₃ | A | B |
| Isopropyl alcohol | C ₃ H ₈ O | B | B |
| Methanol | CH ₃ OH | B | B |
| Methylene chloride | CH ₂ Cl ₂ | C | C |
| Sodium chloride solution 20% | NaCl | A | A |
| Mercury | Hg | A | A |

| Name of substance | Chemical formula | Resistance level at the temperature of 68 °F | Resistance level at the temperature of 140 °F |
|--------------------------------|--|--|---|
| Hydrogen sulphide | H ₂ S | A | B |
| Styrene | C ₈ H ₈ | A | A |
| Pentane | C ₅ H ₁₂ | A | A |
| Toluene | C ₆ H ₅ CH ₃ | C | C |
| Salt water | | A | A |
| Water | H ₂ O | A | A |
| Hydrogen peroxide | H ₂ O ₂ | A | A |
| Kerosene | C ₉ -C ₁₆ | B | B |
| SOLID SUBSTANCES | | | |
| Ammonium acetate | CH ₃ COONH ₄ | A | A |
| Borax | Na ₂ [B ₄ O ₅ (OH) ₄]-8H ₂ O | A | A |
| Sugar | mixture | A | A |
| Potassium cyanide | KCN | A | A |
| Ammonium nitrate | NH ₄ NO ₃ | A | A |
| Calcium nitrate | Ca(NO ₃) ₂ | A | A |
| Phenol | C ₆ H ₅ OH | B | B |
| Ammonium phosphate | (NH ₄) ₃ PO ₄ | A | A |
| Potassium nitrate | KNO ₃ | A | A |
| Potassium | KOH | A | A |
| Sodium hydroxide | NaOH | A | A |
| Ammonium chloride | NH ₄ Cl | A | A |
| OPERATING FLUIDS | | | |
| Gas | | B | B |
| Diesel fuel | | B | B |
| Motor oil | | B | B |
| Methyl tert-butyl ether (MTBE) | C ₅ H ₁₂ O | B | B |
| Hydraulic oils | | B | B |

Notice:

Taking into account numerous combinations of chemical substances, as well as other influencing factors, such as concentration or temperature, this chart serves only for indicative assessment of possible behavior of some substances.

Product durability with respect to the listed substances cannot be fully guaranteed. Neither the producer nor the distributor bears any liability or warranty for any potential damage. For a reliable estimate of the level of resistance to a specific substance, we recommend you to test small samples using miniature laboratory funnels which can be provided upon request by the manufacturer.



The ANTISTATIC product is not designed for a long-term keeping of retained substances or for storing chemical substances. The product has been designed as a fast solution to emergency situations and accidents for the time period which is necessary for professional disposal.

Warranty Certificate



This product is guaranteed for 24 months.

This warranty covers:

for defects caused by a manufacturing defect of the material used, in particular a leak at the welds, a defect in the fittings and any other damage, not caused by demonstrable mishandling by the user or any modification of the product.

This warranty does not cover:

damages caused by improper handling and use of the product and failure to follow the „user manual“. For example, punctures or other damage caused by placing the product in an inappropriate area with sharp objects, higher load handling weight than stated in the „user manual“, use or placing the product near open flames, and other inappropriate uses.

Warning – the warranty does not cover damage from long-term exposure to chemicals. This can also occur after the product is improperly cleaned after intervention. Even a small amount of aggressive chemicals will cause degradation of the material from which it is made during long-term exposure. This can be manifested by microscopic cracks on the surface, or by a change in the properties of the material, which can lead to easy damage and tearing.

The manufacturer is not liable for direct or indirect damage caused by other than the recommended use of the product.

Complaints must be applied within 24 months of purchase from your supplier. When applying please provide your complaint with full details – product serial number, proof of purchase, appropriate photographic documentation and a detailed description of the circumstances in which a fault has occurred.

Product name:

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Production
code:

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Stamp and
signature:

.....

Date of sale:

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In case of
problems,
please contact:

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Failure
description:

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